

# Frederick County, MD Maternal Child Health 2013 Health Indicators At A Glance:

Indicator	Frederick County (as of 2013)	National 2020 Goal	Met National 2020 Goal
Infant Mortality Rate (per 1,000 Live Births)	4.8	6.0	Yes
Preterm Birth	9.7%	11.4%	Yes
Low Weight Births	7.4%	7.8%	Yes
First Trimester Prenatal Care	75.3%	77.9%	No

For a complete, printable Health Indicator report, please visit the Frederick County Health Department's Maternal Child Health web page at:  
<http://www.frederickcountymd.gov/MCH>

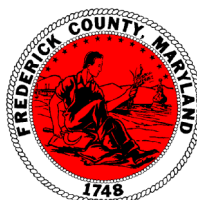
## VITAL STATISTICS FORMULAS

- \* **Infant Mortality Rate:** Number of Infant Deaths/ Total Number of Live Births then (x1000)
- \* **% Low Birth Weight Births:** Number of Low Birth Weight Infants Born Alive/ Total Number of Live Births then (x100)
- \* **% Early Prenatal Care:** Total Number of Births Prenatal Care Began in the First Trimester / Total Number of Births Prenatal Care Began in the Any Trimester – including No Care and Unknown then (x100)
- \* **Infant Mortality Racial Disparity:** = One Racial Group's Infant Mortality Rate/ A comparison Group's Infant Mortality Rate.

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## Frederick County Health Department Division of Community Health Services

### Maternal Child Health Program 301-600-3586



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The Frederick County Health Department provides services to all citizens of Frederick County regardless of gender, race, color, creed, physical ability, religion, national origin or any other socially constructed difference.

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[www.FrederickCountyMD.gov/health](http://www.FrederickCountyMD.gov/health)

10/9/2014 FCHD

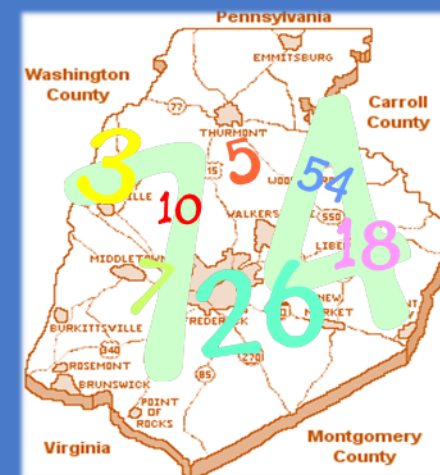


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Frederick County Health Department

Barbara A. Brookmyer, M.D., M.P.H. ▪ Health Officer

## FREDERICK COUNTY MATERNAL CHILD HEALTH 2013 HEALTH INDICATOR REVIEW



**Frederick**



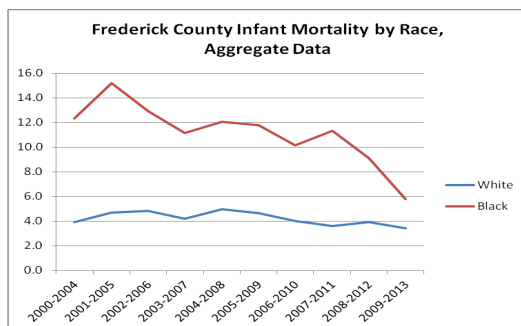
## Infant Mortality

Measures the rate of deaths during the first year of life.

- In 2012, there were 13 infant deaths in Frederick County
- The Infant Mortality Rate (IMR) was 4.8 per 1,000 live births.
- This rate is up from the 2012 IMR of 4.4.
- The overall rate since 2000 is trending downward slightly.
- The 2013 Frederick County IMR is 27% less than the Maryland rate of 6.6.

	2006	2007	2008	2009	2010	2011	2012	2013
<b>Infant Mortality - All Races per 1,000 Live Births</b>								
Frederick	4.5	3.9	8.4	3.8	3.2	3.6	4.4	4.8
Maryland	7.9	8.0	8.0	7.2	6.7	6.7	6.3	6.6
United States	6.7	6.8	6.6	6.4	6.1	6.1		
<b>Infant Mortality - Whites per 1,000 Live Births</b>								
Frederick	4.2	2.8	6.6	3.4	3.0	2.2	4.4	4.0
Maryland	5.7	4.6	5.2	4.1	4.1	4.0	4.1	4.5
United States	5.6	5.6	5.6	5.3	5.2	5.1		
<b>Infant Mortality - Blacks per 1,000 Live Births</b>								
Frederick	*	*	16.6	*	*	16.3	*	*
Maryland	12.7	14.0	13.4	13.6	11.8	12.0	10.3	10.5
United States	13.3	13.2	12.7	12.6	11.6	11.4		

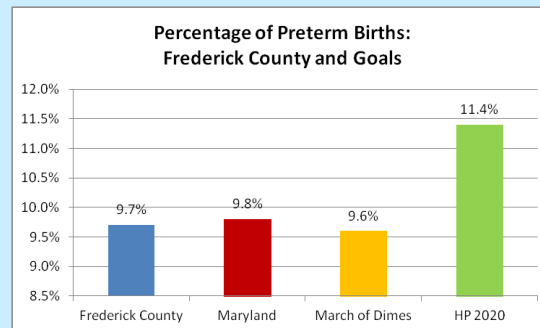
- Frederick County currently meets the U.S. Healthy People 2020 goal of 6.0 overall
- A significant disparity continues between white and black infant mortality.
- The trend in IMR for black infants in Frederick County is going downward.
- Based on aggregated data, IMR for black infants in Frederick County is still two times higher than for white infants since 2000.



## Pre Term Birth

Live births occurring between 20 and 36 weeks of gestation are categorized as preterm births.

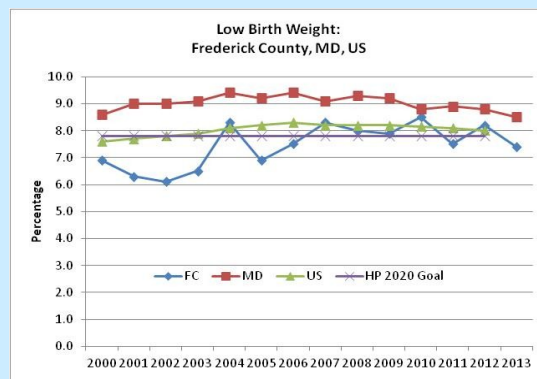
- In 2013, 9.7% of live births in Frederick County were preterm.
- The March of Dimes goal is 9.6%, while the Healthy People 2020 goal is 11.4%.
- The percent of preterm births in Frederick County has decreased from the previous year from 10.5% to 9.7%.
- Both Frederick County and Maryland met the Healthy People 2020 standards.



## Low Birth Weight

Low birth weight is defined as weight of less than 2500 grams at birth.

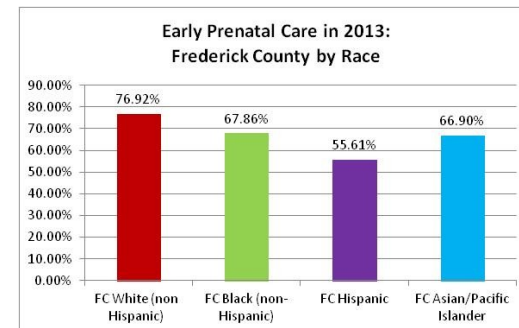
- In 2013, there were 2,716 births in Frederick County
- 7.4% were low birth weight, This was a decrease from 8.2% in 2012
- Frederick County has consistently had a lower percentage of low birth weight than Maryland
- The Healthy People 2020 goal is for no more than 7.8% of births to be classified as low birth weight
- Frederick County met the goal of Healthy People 2020 for the year 2013.



## Early Preterm Care

Early entry into prenatal care is defined as prenatal care beginning in the 1<sup>st</sup> trimester of pregnancy.

- In 2013, 75.3% of all women giving birth in Frederick County reported receiving prenatal care during their first trimester of pregnancy.
- This number has fallen since the previous year and still falls short of the Healthy People 2020 goal of 77.9%.
- There is disparity between the racial groups.
- No racial group met the Healthy People 2020 goal for 2013.
- The Black non-Hispanic and Hispanic populations are still lower than the white non-Hispanic group.



## Teen Child Birth

The race with the highest risk for teen pregnancy in Frederick County is white females ages 18-19.

- Teen birth rates for both Maryland and Frederick County have consistently declined.
- Frederick County (14.4) is significantly lower than the state of Maryland's teen birth rates (22.1).

